

SR 400 Widening Project Forsyth County Industry Forum

Darryl D. VanMeter, P.E.

State Innovative Delivery Engineer
Georgia Department of Transportation

January 8, 2015



Disclaimer Statement

At this meeting the Department will provide information about the project's delivery goals, anticipated scope, anticipated Design-Build procurement process, and potential risks. Participants will be encouraged to ask questions during this meeting; however any information provided by Department shall be considered as informational only and is subject to change.

Design-Build Overview

- Design-Build
 - Combines design engineering and other preconstruction related services with construction services into a single contract.
 - Allows the contractor to participate in the project's design in an effort to reduce costs, improve communication and expedite project delivery.
- Governed by
 - 23 Code of Federal Regulations (CFR) Part 636
 - Georgia Code Section 32-2-81 (*Enacted 2004*)
 - Board Rules, Chapter 672-18 (*Adopted 2006 & 2013*)
- Design-Build Manual

Anticipated Procurement Process

- Submittal of Qualifications Package (SOQ)
 - All qualified DB Teams eligible to submit a proposal
 - Reduced SOQ GDOT review times
- The Qualified DB Teams announcement and Request for Proposal (RFP) advertisement will be on the same day
 - Proposals will include a Technical Proposal and a Price Proposal submitted on the same day
- No Stipulated Fee

Anticipated SOQ Evaluation Criteria

- Must demonstrate required Consultant Area Classes
- Relevant project experience, qualifications, and availability of the:
 - Lead Design Consultant
 - Lead Design Consultant Project Manager
 - Lead Contractor
 - Lead Contractor Project Manager
- Suitability to provide services for project
- Approved qualified teams allowed to respond to RFP

Anticipated RFP Evaluation Criteria

- Technical proposals will be reviewed for pass/fail
- Price proposals will include a base bid and a bid for 12 additional segments.
 - The Apparent Successful Proposer will be the DB Team submitting the highest segment within the available budget identified in the RFP
 - If multiple DB Teams submit the same highest segment, the apparent Successful Proposer shall be the DB Team who submits the Lowest Qualified **Total Price for Sum of the base bid and all qualifying** segments.

Red text added to reflect the clarification provided at the Industry Forum

SR 400 Widening Project Forsyth County Industry Forum

Andrew Hoenig, P.E.

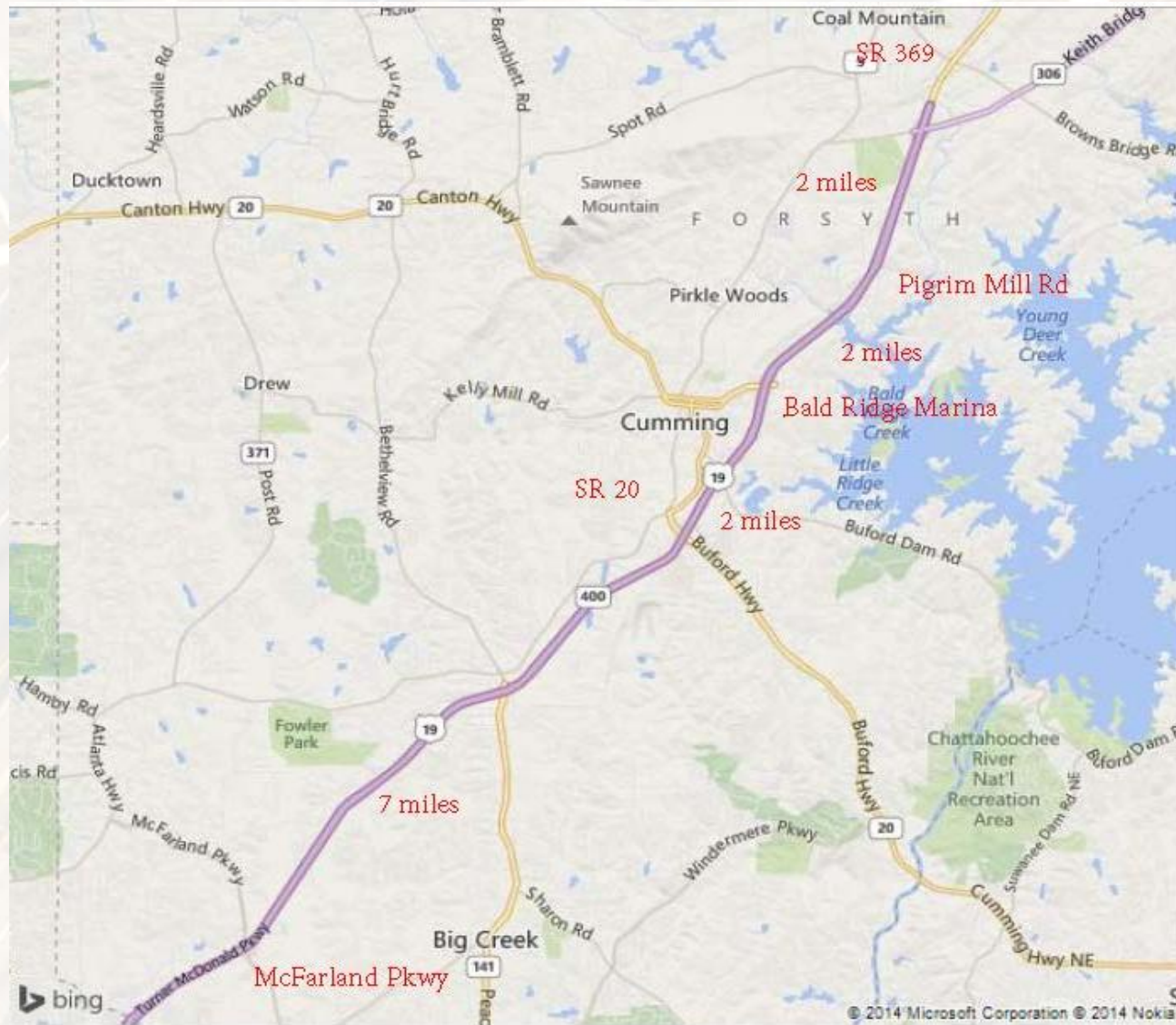
Innovative Delivery

Georgia Department of Transportation

January 8, 2015



Project Location/History



Current Schedule

a. GDOT issues Public Notice Advertisement	12/10/2014	Complete
b. Industry Forum (to be held at GDOT on the 4th Floor)	01/08/2015	10:00 AM
c. GDOT issues Request for Qualifications (RFQ)	01/16/2015	-----
d. Deadline for submission of Statement of Qualifications (SOQ)	02/13/2015	2:00 PM
e. GDOT issues the Notice to Finalists	02/27/2015	-----
f. GDOT issues the Request for Proposals (RFP) to the Finalists	02/27/2015	-----
g. GDOT letting (receipt of bid/technical proposal from Finalists)	04/24/2015	-----

Proposed Project Scope

- Widen SR 400 from McFarland Parkway to *at least* Bald Ridge Marina Road (section mandatory per Forsyth County bond referendum)
 - One lane towards the median northbound and southbound to Bald Ridge
 - Widen bridge over Big Creek Greenway NB and SB
- Prioritize northbound lane north of Bald Ridge
- Potentially bridge widening over Lake Lanier NB as part of segment 2 and SB as part of segment 8
- Environmental document to clear project limits from McFarland Parkway to SR 369

Proposed Project Segments

Proposal #	Short Description
Base Bid	Both Directions to Bald Ridge Marina Road Interchange
Segment 1	NB lane to the southern termini of Bridge over Sawnee Creek
Segment 2	NB lane to Pilgrim Mill Road Interchange off-ramp
Segment 3	NB lane to 0.8 miles north of Pilgrim Mill Road bridge
Segment 4	NB lane to SR 306/Keith Bridge Road Interchange off-ramp
Segment 5	NB lane to SR 306/Keith Bridge Road Interchange onramp
Segment 6	NB lane to SR 369/Browns Bridge Road
Segment 7	SB lane to the southern termini of Bridge over Sawnee Creek
Segment 8	SB lane to Pilgrim Mill Road Interchange off-ramp
Segment 9	SB lane to 0.8 miles north of Pilgrim Mill Road bridge
Segment 10	SB lane to SR 306/Keith Bridge Road Interchange onramp
Segment 11	SB lane to SR 306/Keith Bridge Road Interchange off-ramp
Segment 12	SB lane to SR 369/Browns Bridge Road

Highlighted Areas



SR 400 @ SR 306 ramps



SR 400 @ Lake Lanier bridge

Proposed Typical Section

- 11-ft inside lane (mostly Portland Cement Concrete)
- 10-ft inside shoulder, 5.5-ft full-depth PCC
- 11-ft full-depth outside shoulder, if used during construction
 - Roller-Compacted Concrete or Asphalt
- Double-faced guardrail
- 20-ft grassed ditch remaining at 4:1 max slope

Proposed Design Scope

- Reduced design requirements
- Only one plan submittal required
- No required CPM schedule management
- Reduced Project Management Plan requirements
- Considering other reductions, will be noted in the RFP
- Very limited costing plans published with RFP

Proposed Project Risks

- USACE permits for two stream crossings
 - USACE easement agreement (Possible 408 permit)
 - Possible 404 permit for temp fill in a state water
- GEPA (Approval not anticipated prior to award)
- Schedule
 - Additional time for additional segments
- MS4
- Maintenance of Traffic
- All Construction within Existing Right-of-Way
- Utilities (No SUE)
- Required BFI/WFIs responsibility of the DB Team



Questions

Design-Build Contact Information

Darryl D. VanMeter, P.E.

State Innovative Delivery Engineer

Office: (404) 631-1703

dvanmeter@dot.ga.gov

or

designbuild@dot.ga.gov

Design-Build Webpage

<http://www.dot.ga.gov/doingbusiness/pages/designbuild.aspx>